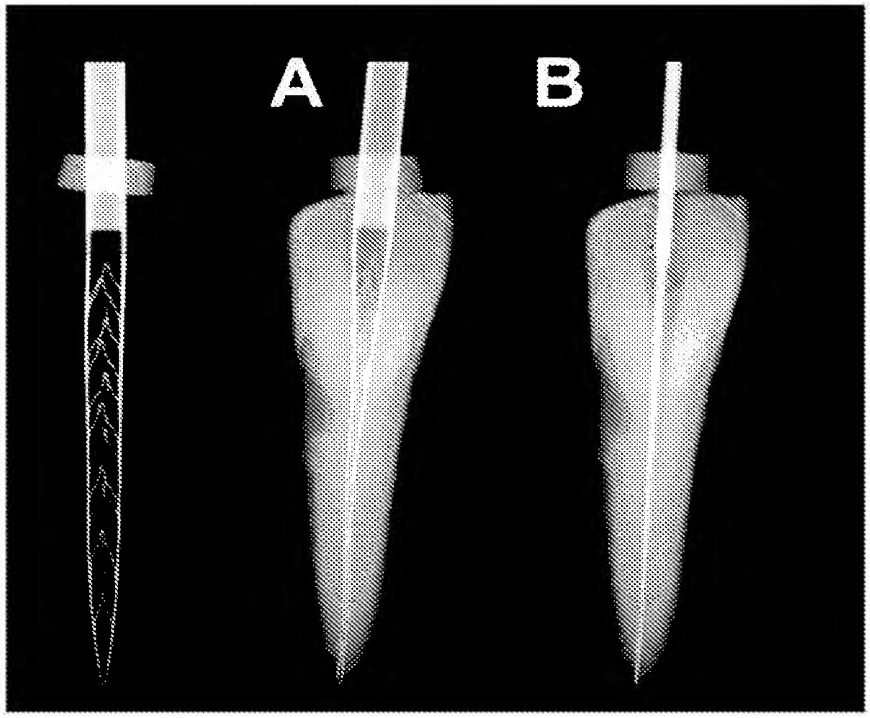
Self Adjusting File (SAF)

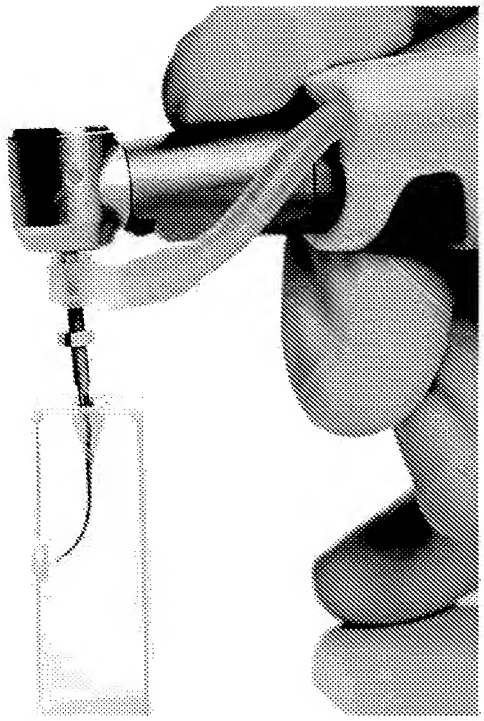
Description & Mode of Operation

The SAF is a hollow file designed as an elastically compressible, thin-walled pointed cylinder, 1.5 mm in diameter, composed of a thin nickel-titanium lattice.

The SAF is used as a single instrument to achieve complete 3D root canal shaping and cleaning.

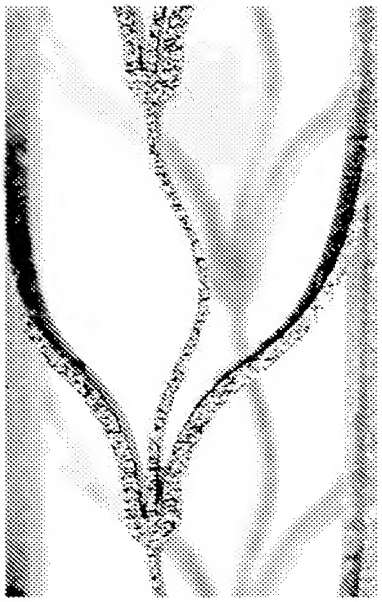
The SAF is available in three standard lengths: 21mm, 25mm and 31mm



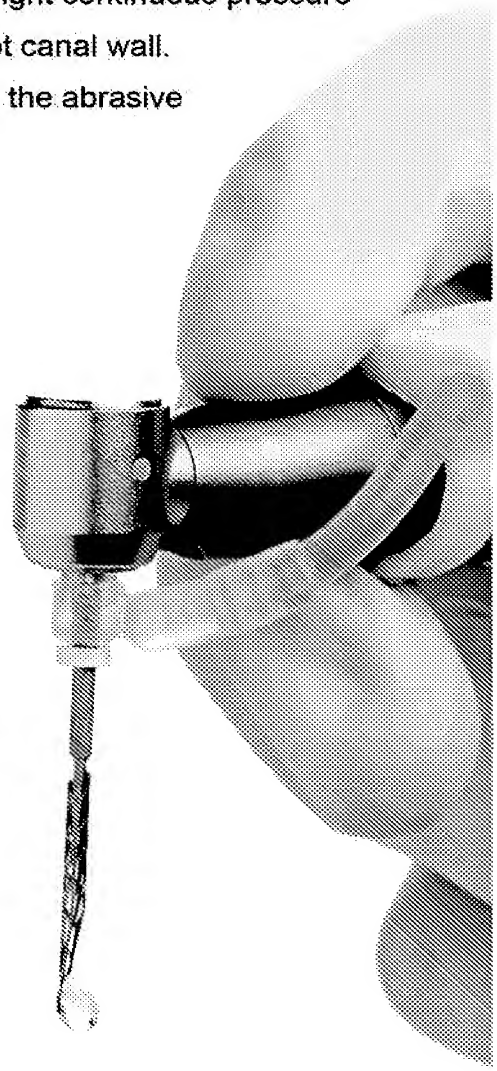


The hollow design enables the SAF to be elastically compressed along its cross section (A) when inserted into a canal previously negotiated with a no. 20 K file (B).

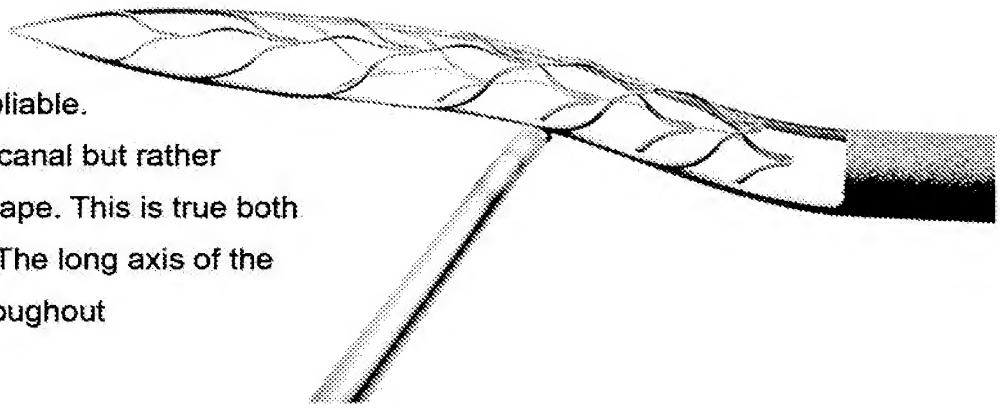
Description & Mode of Operation (Cont.)



Attempting to expand, the SAF applies light continuous pressure along the entire circumference of the root canal wall. Operated with a gentle vertical vibration, the abrasive surface of the file achieves a gradual enlargement of the root canal.



SAF's hollow design allows for continuous irrigation of the root canal through its lumen.



The SAF is extremely flexible and pliable. It does not impose its shape on the canal but rather complies with the canal's original shape. This is true both circumferentially and longitudinally. The long axis of the canal is kept at its original place throughout the length of the canal.

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